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Robert H. Lurie Comprehensive Cancer Center of Northwestern University

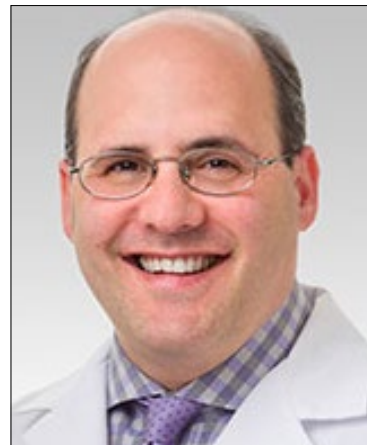
Lurie Cancer Center's Basic Research Seminar Series

The Potential of Precision Medicine for Rheumatic Disease

Tuesday, December 10, 2024
11:00 a.m.- 12:00 p.m. CT

Baldwin Auditorium, 1st Floor
Robert H. Lurie Medical Research Center
303 E. Superior St., Chicago, IL

My laboratory focuses on two facets of rheumatology; the role of co-morbidities in rheumatoid arthritis (RA) including atherosclerosis and obesity and the role that macrophage heterogeneity in the target organs (synovium, kidney, and lung) plays in the pathogenesis and remission of RA, systemic lupus erythematosus (SLE), and systemic sclerosis (SSc). These studies utilize novel mouse models and techniques developed in my laboratory. We are now comparing our data observed in murine models with biopsy tissue from rheumatic disease patients. Since I have become the Chief of Rheumatology, we have created a central Biorepository for peripheral blood, serum and tissue (Biopsy) samples patients with a range of rheumatic diseases, including osteoarthritis, one of the most common causes of age-related immobility.



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